

KRPA Series Panel Plug-in Relay

- 5 to 10A current capability
- Contact arrangements of 1, 2 and 3 form C (CO)
- Octal type termination for quick installation
- Indicator lamp available on certain models

Typical applications

Baggage handling, lighting, inspection equipment, marine.









Approvals
UL E22575; CSA LR15734
Technical data of approved types on request.

Contact Data			
Contact arrangement	1 form C (CO), 2 form C (CO), 3 form C (CO)		
Rated voltage	240VAC		
Rated current	10A		
Contact material	Ag AgCdO		
Min. recommended contact load	100mA, 12VDC	300mA, 12VDC	
Frequency of operation	360 ops./hour	360 ops./hour	

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Contact ratif	igs		
Type	Load		Cycles
UL 508			
KRPA, Ag			
, 0	5A, 120VAC		100x10 ³
	3A, 240VAC		100x10 ³
	1/10HP, 120VAC		1x10 ³
	1/6HP, 240VAC		1x10 ³
KRPA, AgCdC			1710
Mii A, Agouc	10A, 240VAC		100x10 ³
	,		1x10 ³
	1/3HP, 120VAC		
174	1/2HP, 240VAC		1x10 ³
KA, Ag			
	5A, 120VAC		
	3A, 240VAC		
	1/10HP, 120VAC		
	1/6HP, 240VAC		
KA, AgCdO			
	10A, 120VAC		
	6A, 240VAC		
	1/6HP, 120VAC		
	1/3HP, 240VAC		
Mechanical er	,	10x10 ⁶ ops.	
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Coil Data	
Coil voltage range	6 to 220VDC
	6 to 240VAC
Coil insulation system according UL	Class B
Coil versions, DC coil	

	,			
Coil	Rated	Operate	Coil	Rated coi
code	voltage	voltage	resistance	power
	VDC	VDC	Ω±10%	W
6	6	4.5	32	1.15
12	12	9.0	120	1.2
24	24	18.0	472	1.25
48	48	36.0	1800	1.3
110	110	82.5	10000	1.2
_	220	Use 110V relay v	vith 10KΩ, 5W res	istor in series

All figures are given for coil without preenergization, at ambient temperature +23°C.

Coil Data (continued)								
Coil versions, AC coil								
Coil	Rated	Operate	Coil	Rated coil				
code	voltage	voltage	resistance	power				
	VAC	VAC	$\Omega \pm 15\%$	VA				
6	6	5.1	6	2.01				
12	12	10.2	24	2.02				
24	24	20.4	85	2.02				
120	120	102.0	2250	2.1				
240	240	204.0	9110	2.1				
240	240	204.0	9110	2.1				

All figures are given for coil without preenergization, at ambient temperature +23°C.

Insulation Data		
Initial dielectric strength		
between open contacts	1000V _{ms}	
between contact and coil	1000V_ms	
between adjacent contacts	1000V_ms	
Initial insulation resistance	111102	
between insulated elements	KRPA: 1000MΩ	
	KA: 100MΩ	

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter

Ambient temperature

DC coil KRPA: -45°C to 70°C KA: -45°C to 85°C AC coil KRPA: -45°C to 55°C KA: -45°C to 70°C

Category of environmental protection IEC 61810

IEC 61810 RTI - dust protected KRPA and
RTO - open style KA

Terminal type KRPA: 8- or 11-nin octal-type plus

Terminal type KRPA: 8- or 11-pin octal-type plug KA: solder terminals Weight 85g
Packaging/unit tray/25 pcs., box/150pcs.

Accessories	
For details see datasheet	Sockets and Accessories, KRPA Relays

Product Code	Description
27E891	Two pole DIN socket (use 20C318 clip)
27E892	Three pole DIN socket (use 20C318 clip)
27E122	Two pole track mount socket (use 20C318 clip)
27E123	Three pole track mount socket (use 20C318 clip)

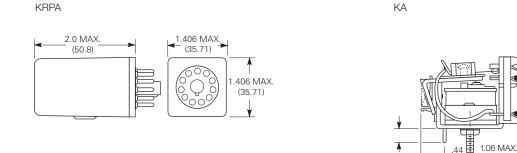


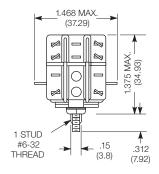
KRPA Series Panel Plug-in Relay (Continued)

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Dimensions





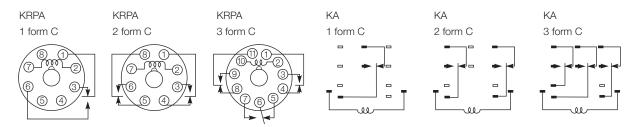
- (26.9)

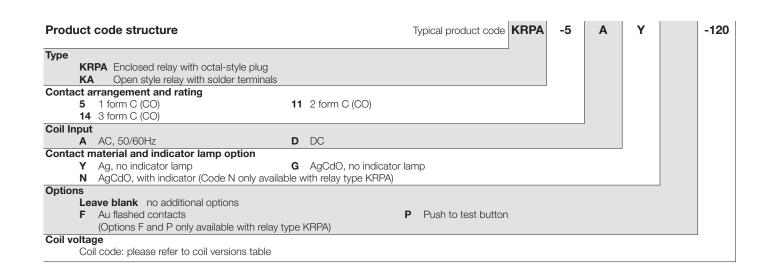
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1.92 MAX

(48.8)

Terminal assignment







KRPA Series Panel Plug-in Relay (Continued)

Product Code	Arrangement	Contact Material	Coil	Option	Part Number
KA-5AG-120	1 form C, 1 CO	AgCdO	120VAC	Open style	7-1393099-1
KA-5AY-120		Ag			7-1393099-3
KA-5DG-6		AgCdO	6VDC		7-1393099-9
(A-5DG-12			12VDC		7-1393099-7
(A-5DG-110			110VDC		7-1393099-6
(A-11AG-120	2 form C, 2 CO		120VAC		3-1393099-6
	2 101111 0, 2 00	Aa	6VAC		
(A-11AY-6		Ag			4-1393099-1
(A-11AY-24			24VAC	_	4-1393099-0
KA-11AY-120			120VAC		3-1393099-9
KA-11DG-12		AgCdO	12VDC		4-1393099-3
(A-11DG-24			24VDC		4-1393099-5
KA-11DG-110			110VDC		4-1393099-2
(A-14AG-120	3 form C, 3 CO		120VAC		5-1393099-0
KA-14AY-120		Ag			5-1393099-4
KA-14DG-24		AgCdO	24VDC		5-1393099-7
KA-14DG-110		/ igodo	110VDC		5-1393099-5
	1 form C, 1 CO	-	24VAC	Nama	_
KRPA-5AG-24	1 form C, 1 CO	_		None	9-1393104-9
KRPA-5AG-120			120VAC		9-1393104-8
KRPA-5DG-6			6VDC		1393105-5
KRPA-5DG-12			12VDC		1393105-3
KRPA-5DG-24			24VDC		1393105-4
KRPA-5DY-12		Ag	12VDC		1393105-6
KRPA-5DY-24			24VDC		1393105-7
KRPA-11AG-6	2 form C, 2 CO	AgCdO	6VAC		2-1393104-8
(RPA-11AG-12	2 101111 0, 2 00	/ igodo	12VAC		2-1393104-4
KRPA-11AG-12 KRPA-11AG-24			24VAC		
					1-1393105-2
KRPA-11AG-120			120VAC		2-1393104-5
KRPA-11AG-240			240VAC		2-1393104-7
KRPA-11AN-12			12VAC	Indicator	3-1393104-1
KRPA-11AN-24			24VAC		3-1393104-3
KRPA-11AN-120			120VAC		3-1393104-2
KRPA-11AN-240			240VAC		3-1393104-4
KRPA-11AY-6		Ag	6VAC	None	3-1393104-9
KRPA-11AY-12		7.9	12VAC	140110	3-1393104-5
KRPA-11AY-24			24VAC		3-1393104-7
KRPA-11AY-120			120VAC		3-1393104-6
KRPA-11AY-240			240VAC		3-1393104-8
KRPA-11DG-6		AgCdO	6VDC		4-1393104-7
KRPA-11DG-12			12VDC		4-1393104-3
KRPA-11DG-24			24VDC		4-1393104-5
KRPA-11DG-48			48VDC		4-1393104-6
KRPA-11DG-110			110VDC		4-1393104-2
KRPA-11DG-125			125VDC	-	
					4-1393104-4
KRPA-11DG-24			24VDC		4-1393104-5
KRPA-11DG-48			48VDC		4-1393104-6
KRPA-11DN-12			12VDC	Indicator	5-1393104-0
KRPA-11DN-24			24VDC		5-1393104-1
KRPA-11DN-110			110VDC		4-1393104-9
KRPA-11DY-12		Ag	12VDC	None	5-1393104-6
(RPA-11DY-24		9	24VDC	1	5-1393104-7
KRPA-14AG-12	3 form C, 3 CO	AgCdO	12VAC		6-1393104-4
	3 101111 0, 3 00	Agodo			
KRPA-14AG-24			24VAC		6-1393104-7
KRPA-14AG-120			120VAC		6-1393104-5
KRPA-14AG-240			240VAC		6-1393104-8
KRPA-14AN-24			24VAC	Indicator	7-1393104-4
KRPA-14AN-120			120VAC		7-1393104-3
KRPA-14AN-240			240VAC		7-1393104-5
KRPA-14AY-24		Ag	24VAC	None	7-1393104-8
KRPA-14AY-120		, 9	120VAC	14010	7-1393104-7
KRPA-14AY-240		4 0 10	240VAC		7-1393104-9
KRPA-14DG-12		AgCdO	12VDC		8-1393104-2
KRPA-14DG-24			24VDC		8-1393104-4
KRPA-14DG-48			48VDC		8-1393104-5
KRPA-14DG-110			110VDC		8-1393104-1
KRPA-14DG-125			125VDC		8-1393104-3
KRPA-14DN-24			24VDC	Indicator	9-1393104-0
KRPA-14DY-24		Ag	220	None	9-1393104-3

Mouser Electronics

Authorized Distributor

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TE Connectivity: KRPA-5DG-12